



Features

- High performance magnetics for pulse absorption ( 20dB attenuation at 1,000V pulse ).
- High insertion loss characteristics.

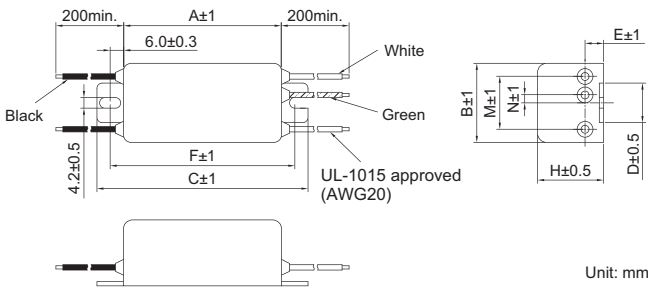
Applications

- PCs, Copiers, Printers, Office appliances, Measuring devices and Control systems.

SUP-E□H-EP Series (PVC wire)  
(1~3A)

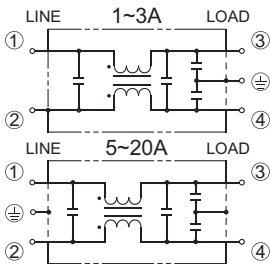


Dimensions

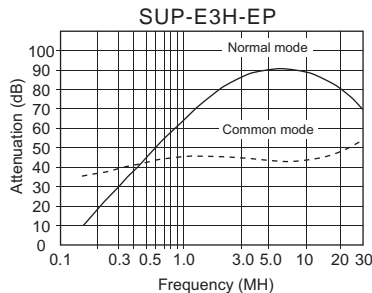


| Model Number | A  | B  | C  | D  | E   | F  | H  | M  | N |
|--------------|----|----|----|----|-----|----|----|----|---|
| SUP-E1H-EP   |    |    |    |    |     |    |    |    |   |
| SUP-E2H-EP   | 60 | 30 | 80 | 15 | 7.0 | 70 | 25 | 20 | 3 |
| SUP-E3H-EP   |    | 40 |    | 20 |     |    |    | 25 | 4 |

Circuit



Static characteristics



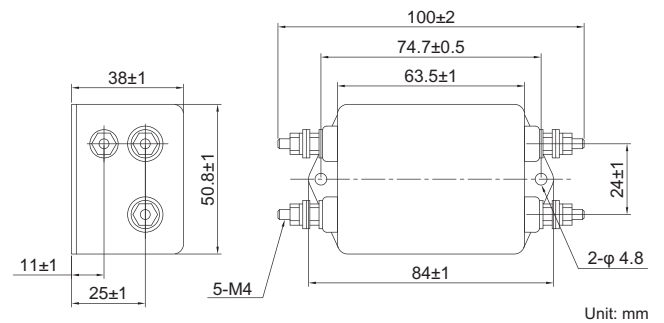
| Safety Standard        | File No.                 |
|------------------------|--------------------------|
| UL :UL1283             | E78644                   |
| CSA :C22.2, No.8-M1986 | LR60681                  |
| SEMKO :EN60939         | SE/0142-13<br>SE/0142-14 |

The "ENEC" mark is a common European product certification mark based on testing to harmonised European safety standard.

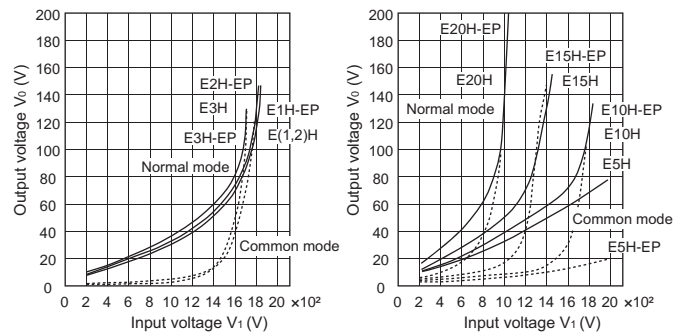
SUP-E□H-EP Series (Screw terminal)  
(5~15A, 20A)



Dimensions



TVSS Characteristics Pulse width 800nsec



Electrical Specifications

| Safety Standard | Model Number | Rated Current (A) | Test Voltage                              | Insulation Resistance                     | Leakage Current max.         | Voltage Drop max. | Temperature Rise max. | Operating Temperature (°C)             | Insertion losses  |                   | Weight typ.(g) |
|-----------------|--------------|-------------------|---|---|------------------------------|-------------------|-----------------------|--|-------------------|-------------------|----------------|
|                 |              |                   |   |   |                              |                   |                       |  | Normal Mode (MHz) | Common Mode (MHz) |                |
| UL, CSA, ENEC   | SUP-E1H-EP   | 1                 | Line to Line<br>1,100Vac<br>50/60Hz 60sec | Line to Line<br>3,000MΩmin                | 0.6mA<br>(at 250Vac<br>60Hz) | 1.0Vac            | 30K                   | -25 ~ +55<br>(85°C with<br>Temp. rise) | 0.7 ~ 30          | 0.7 ~ 30          | 105            |
|                 | SUP-E2H-EP   | 2                 |   |   |                              |                   |                       |  | 270               |                   |                |
|                 | SUP-E3H-EP   | 3                 |   |   |                              |                   |                       |  |                   | 0.8 ~ 30          | 0.8 ~ 30       |
| UL, CSA, ENEC   | SUP-E5H-EP   | 5                 | Line to Case<br>2,240Vac<br>50/60Hz 60sec | Line to Case<br>6,000MΩmin<br>(at 500Vdc) |                              |                   | 35K                   | -25 ~ +50<br>(85°C with<br>Temp. rise) | 0.8 ~ 30          | 1.5 ~ 30          | 270            |
|                 | SUP-E10H-EP  | 10                |   |   |                              |                   |                       |  | 1.0 ~ 30          | 2.0 ~ 30          |                |
|                 | SUP-E15H-EP  | 15                |   |   |                              |                   |                       |  | 1.5 ~ 30          | 6.0 ~ 30          |                |
|                 | SUP-E20H-EP  | 20                |   |   |                              |                   |                       |  |                   |                   |                |

Guaranteed attenuation is more than 40dB in normal mode, more than 40dB at 1~3A and more than 35dB at 5~20A in common mode.